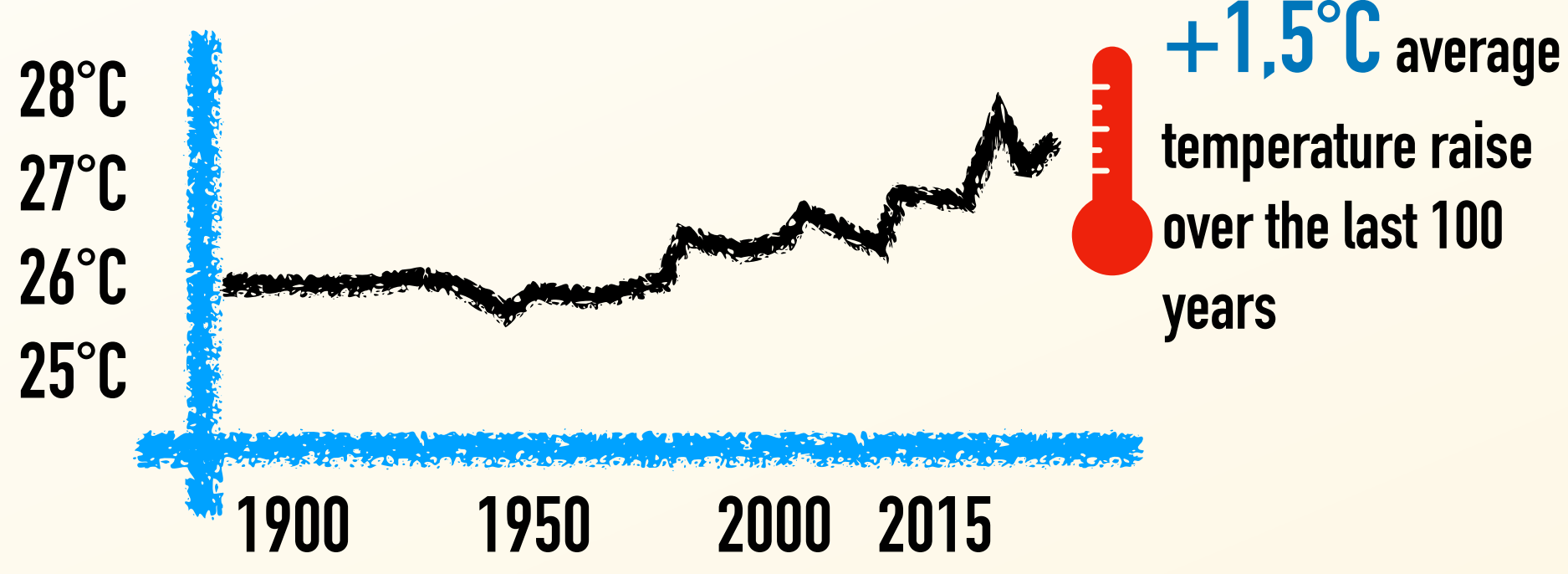


# M'BORORO INDIGENOUS KNOWLEDGE FOR CLIMATE ADAPTATION & RESILIENCE

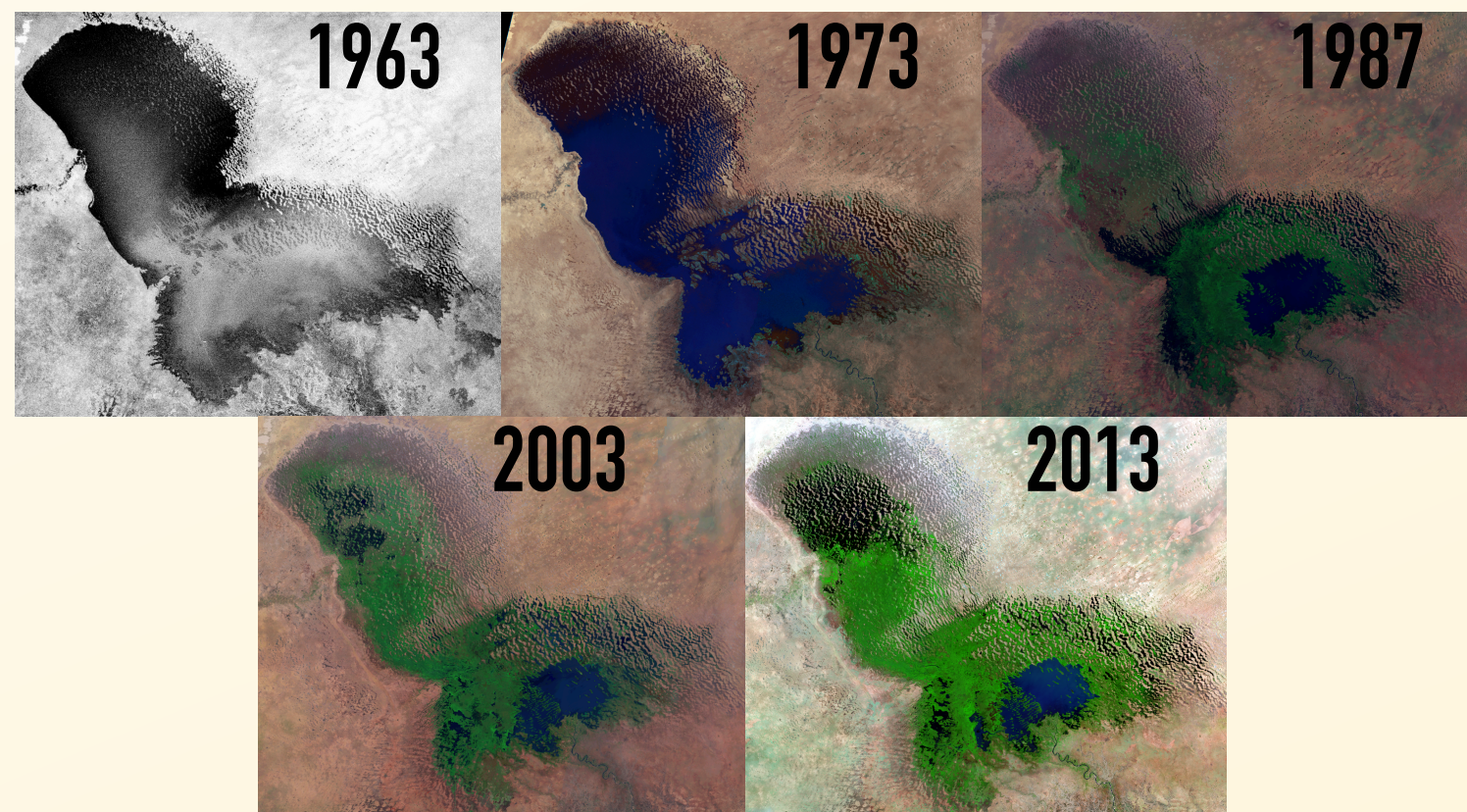


## CLIMATE CHANGE IMPACTS IN THE SAHEL

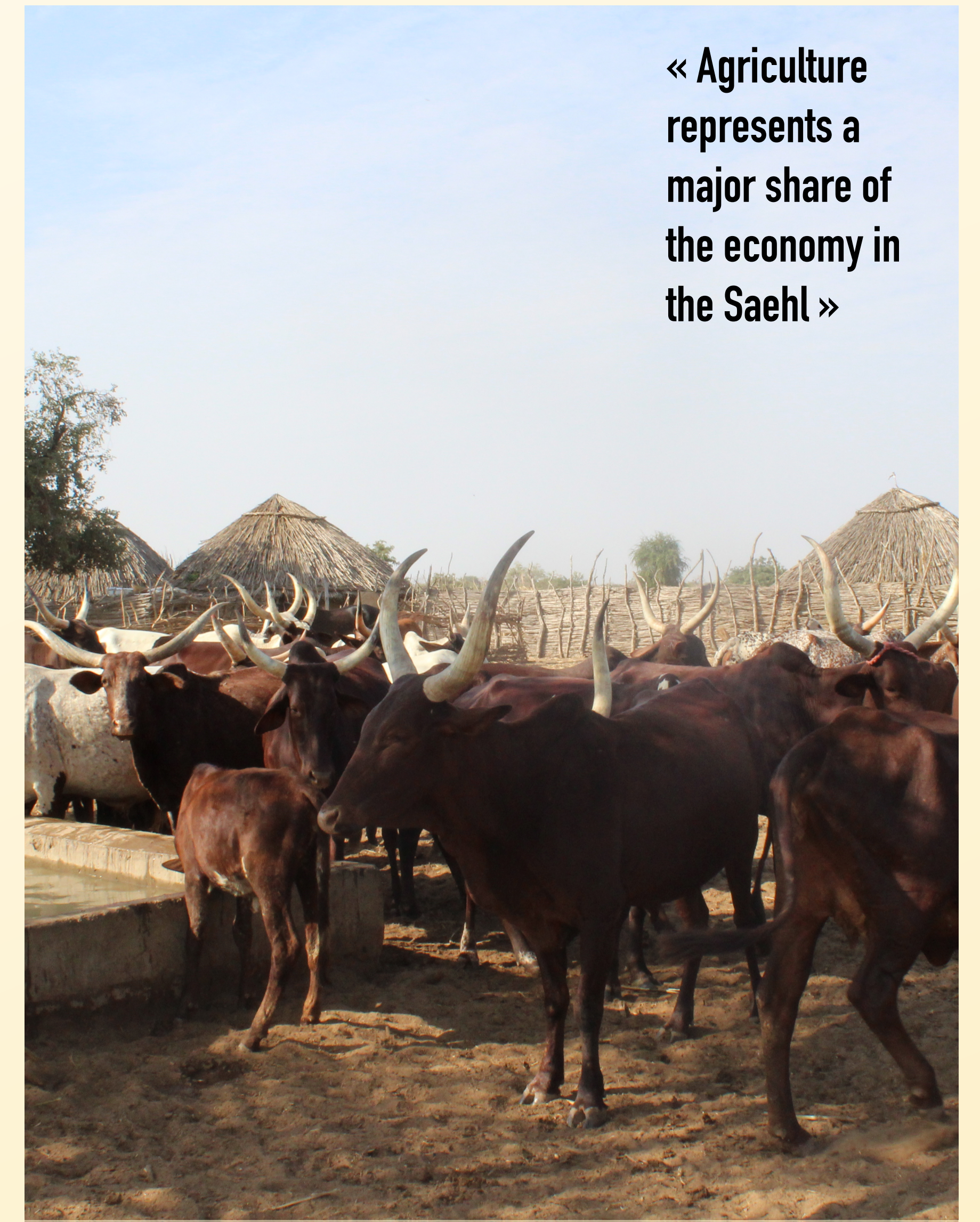
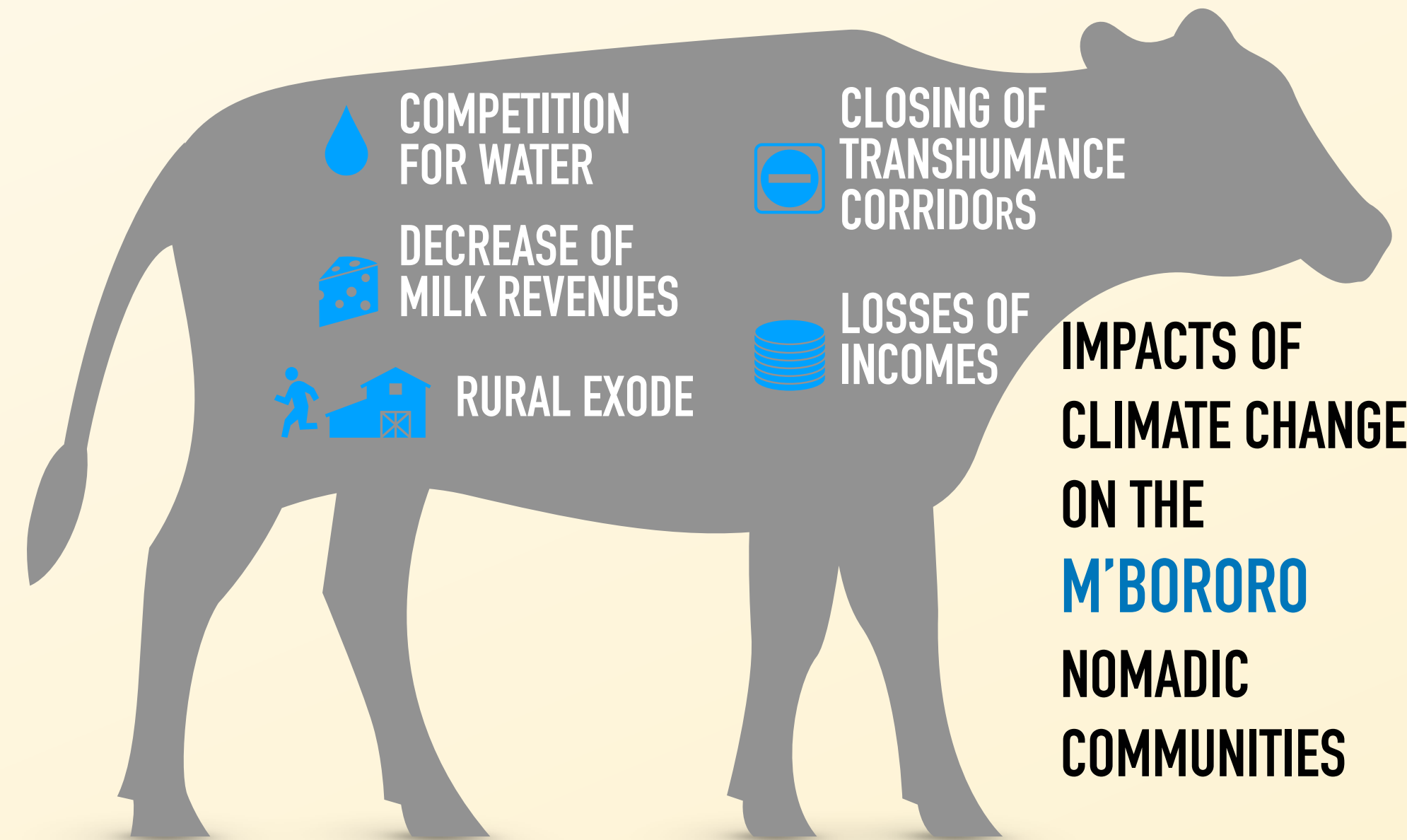


- Violent **HEATWAVES** (with temperature near 50°C)
- Intense **FLOOD**
- Changes in **WEATHER PATTERNS**

### LAKE CHAD: The loss of a UNIQUE ECOSYSTEM



Lake Chad is providing **clear water** for over 30 million people in the area



## INDIGENOUS KNOWLEDGE FOR ADAPTATION



**INDIGENOUS TRADITIONAL KNOWLEDGE** is the heritage of hundreds years living in harmony with the environment.

Information about the weather can be obtained through :

- STARS OBSERVATION
- BIRD WATCHING
- TREES & PLANTS STUDIES
- CLOUDS & WIND READING



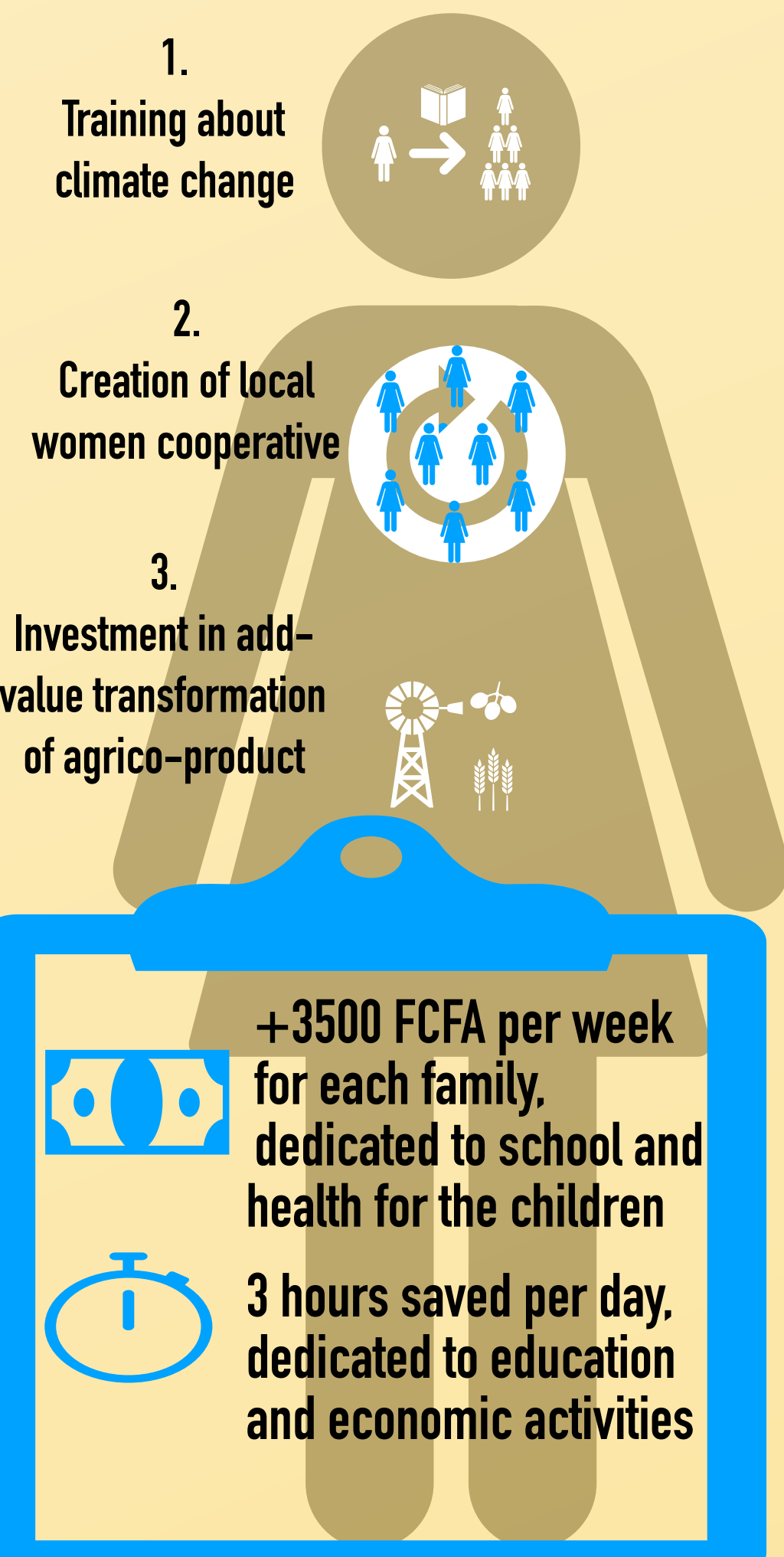
Indigenous M'Bororo knowledge are a concrete solution for climate adaptation:

- traditionnel medicine
- Resilient crops
- Fresh water sources
- Weather forecast

## WOMEN AS LEADERS FOR CLIMATE ADAPTATION

WOMEN ARE THE MOST IMPACTED BY CLIMATE CHANGE IN THE SAHEL

- Increase **time** dedicated to collect water and wood
- Difficulties to assure **food security** for the family
- Disappearance of plants used for traditional **medicine**
- Revenue losses prevent funding for **education**



## 3D PARTICIPATORY MAPPING FOR ADAPTATION



With 3D PARTICIPATORY MAPPING we gather all the communities of an area to map all natural resources. Among multiple benefits, we identified:

- IDENTIFICATION OF NATURAL RESOURCES
- SUSTAINABLE **MANAGEMENT** OF ECOSYSTEMS
- CONFLICT** PREVENTION
- TRANSMISSION** OF INDIGENOUS TRADITIONAL KNOWLEDGE.

